

**Segment ID:** 1014      **Water body name:** Buffalo Bayou Above Tidal

Freshwater Stream

San Jacinto River Basin

Total size:

24

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Aquatic Life Use**

2002	Dissolved Oxygen grab average	No Concern	Entire segment	24	527	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Entire segment	24	527	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire segment	24	2		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire segment	24	2		
2002	Acute Metals in water	Not Assessed	Entire segment	24	3	0	
2002	Chronic Metals in water	Not Assessed	Entire segment	24	3		
2002	Overall Aquatic Life Use	Fully Supporting	Entire segment	24			

**Contact Recreation Use**

2002	E. coli single sample	Use Concern-Limited Data	Entire segment	24	4	3	
2002	E. coli geometric mean	Use Concern-Limited Data	Entire segment	24	4		4,829
2002	Fecal coliform single sample	Not Supporting	Entire segment	24	552	404	
2002	Fecal coliform geometric mean	Not Supporting	Entire segment	24	552		1,290
2002	Overall Recreation Use	Not Supporting	Entire segment	24			

**General Use**

2002	Water Temperature	Fully Supporting	Entire segment	24	537	2	
2002	pH	Fully Supporting	Entire segment	24	281	0	
2002	Chloride	Fully Supporting	Entire segment	24	30		76.5

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**General Use** (continued)

2002	Sulfate	Fully Supporting	Entire segment	24	473		25.1
2002	Total Dissolved Solids	Fully Supporting	Entire segment	24	500		388.9
2002	Overall General Use	Fully Supporting	Entire segment	24			

**Fish Consumption Use**

2002	Human Health Criteria	Not Assessed	Entire segment	24	3		
2002	Overall Fish Consumption Use	Not Assessed	Entire segment	24			

**Overall Use Support**

2002		Not Supporting	Entire segment	24			
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**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	Concern	Entire segment	24	523	229	
2002	Nitrite + Nitrate Nitrogen	Concern	Entire segment	24	31	20	
2002	Orthophosphorus	Concern	Entire segment	24	33	22	
2002	Total Phosphorus	Concern	Entire segment	24	24	14	
2002	Overall Nutrient Enrichment Concerns	Concern	Entire segment	24			

**Algal Growth Concern**

2002	Chlorophyll a	No Concern	Entire segment	24	19	1	
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**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	Entire segment	24			
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**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Entire segment	24			
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**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Entire segment	24			
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**Overall Secondary Concern**

2002		Concern	Entire segment	24			
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